

Title (en)
HETEROCYCLIC GUANIDINES AS 5HT 3 ANTAGONISTS

Publication
EP 0397364 B1 19930728 (EN)

Application
EP 90304684 A 19900430

Priority
US 34918989 A 19890519

Abstract (en)
[origin: EP0397364A1] Heterocyclicguanidines as 5HT3 antagonists useful in the treatment of nausea, anxiety, pain, schizophrenia and gastrointestinal disorders, of the formula <CHEM> and their pharmaceutically acceptable acid addition salts, wherein Ar is naphthyl, indol-3-yl, 2-methyl-indol-3-yl, 1-methylindol-3-yl, 1-benzylindol-3-yl, phenyl, or mono- or disubstituted phenyl wherein said substituent is each methyl, methoxy, chloro, fluoro or bromo; Het is thiazolyl, furyl, thienyl or isoxazolyl, R1 is hydrogen or methyl; R2 and R3 when considered separately are each hydrogen, hydroxyethyl, alkyl having one to six carbon atoms, cycloalkyl having three to six carbon atoms or acetyl; and R2 and R3 when taken together are alkylene having two to three carbon atoms.

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IPC 8 full level
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Cited by
EP0749966A4; EP2253316A1; WO2010133663A1; US8580730B2; US10154988B2; EP3610890A1; US10624875B2

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